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31/12/68

Ebbw Vale Urban District Council

REPORTS

of the

MEDICAL OFFICER OF HEALTH

and

CHIEF PUBLIC HEALTH INSPECTOR

for the Year 1968





Ebbw Vale Urban District Council

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of the

MEDICAL OFFICER OF HEALTH

and

CHIEF PUBLIC HEALTH INSPECTOR

for the Year 1968

Health Housing Department,
Municipal Offices,
Civic Centre,
EBBW VALE,
Monmouthshire.
NP3 6XB
Telephone No. Ebbw Vale 3401.

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EBBW VALE URBAN DISTRICT COUNCIL

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Vice-Chairman — Councillor E. L. Williams

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Councillor A. J. Bull
Councillor R. Davies, B.A.
Councillor J. E. Davies
Councillor D. R. Evans, J.P.
Councillor J. L. Evans
Councillor Mrs. B. Goldsworthy
Councillor C. P. Haley
Councillor W. D. R. Herbert
Councillor C. Jenkins

Councillor L. K. Jenkins
Councillor E. H. Luff
Councillor C. Mitchell
Councillor N. J. Morgan
Councillor R. F. Morgan
Councillor D. F. Parfitt
Councillor A. J. Rees
Councillor H. R. Rosser
Councillor C. W. Phillips
Councillor W. J. R. Williams

Clerk of the Council :

S. Sami, B.A., B.C.D., P.F.I. Arb., Barrister-at-Law.

Treasurer and Accountant :

R. K. Lacey, F.I.M.T.A., D.P.A.

Chief Technical Officer :

W. G. Cramp, B.Sc., A.M.I.C.E., A.M.I.Mun.B.M.

Engineer and Surveyor :

J. M. Davies, B.Sc., A.M.I.Mun.E.

Architect :

J. L. Thomas, L.R.I.B.A., F.R.I.C.S., A.M.I.Mun.E., M.R.S.H.

HEALTH DEPARTMENT

Health Committee :

Chairman — Councillor W. D. R. Herbert

Vice-Chairman — Councillor H. R. Rosser

Medical Officer of Health :

Dr. T. Stephens, M.C., B.Sc., M.R.C.S., L.R.C.P., D.P.H., M.R.S.H.

Chief Public Health Inspector/Housing Manager :

A. Stokes, Esq., M.R.S.H., M.A.P.H.I.

Assistant Public Health Inspectors :

J. R. Pulsford, Esq., C.R.S.H.

G. Beynon, Esq., C.R.S.H., M.A.P.T.I.

Shops Inspector : B Evans, Esq.

Rodent Officer : C. Roberts, Esq.

Chief Clerk : A. E. Foster, Esq.

Miss R. Hill, Mrs. M. Parton

EBBW VALE URBAN DISTRICT, 1968

Area of District	....	....	....	....	6,896 acres
Population (estimated) mid-1968	....	....	....	....	26,760
Population per acre	....	....	....	....	3.89
Population (estimated) 1961	....	....	....	....	28,380
Population (census) 1961	....	....	....	....	28,627
Rateable value as at 1st April, 1969	....	....	....	....	£1,378,139
Estimated product of ld. rate	....	....	....	....	£5,550
Number of live-births	....	....	....	....	461
Birth rate per 1,000 inhabitants, crude	....	....	....	....	17.2
Number of Still-births	....	....	....	....	6
Still-birth rate per 1,000 inhabitants	....	....	....	....	0.22
Still-birth rate per 1,000 total (Live and Still) births	....	....	....	....	12.85
Number of deaths	....	....	....	....	331
Death rate per 1,000 inhabitants, crude	....	....	....	....	12.40
Number of infant deaths (under 1 year)	....	....	....	....	6
Infant mortality rate per 1,000 live births	....	....	....	....	13.01
Number of infectious diseases notified	....	....	....	....	589
Infectious diseases—attack rate per 1,000 inhabitants	....	....	....	....	22.01

Tuberculosis :—

Cases notified	....	....	....	....	6
Attack rate per 1,000 inhabitants	....	....	....	....	0.22
Deaths	....	....	....	....	4
Death rate per 1,000 inhabitants	....	....	....	....	0.15

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TO THE

EBBW VALE URBAN DISTRICT COUNCIL

FOR THE YEAR 1968

To the CHAIRMAN and MEMBERS
of the EBBW VALE URBAN DISTRICT COUNCIL

Mr. Chairman, Lady and Gentlemen,

I have the honour to present my report for the year ended 31st December, 1968. It is made in accordance with the memorandum of the Ministry of Health.

The area of Ebbw Vale Urban District is 6,869 acres, with an estimated population of 26,760 which is the population given by the Registrar General for calculation purposes. The Census taken in 1961 showed the population to be 28,627.

The number of births, still-births, and deaths assigned to this area are those registered during the year 1968 as adjusted for inward and outward transfers. The returns, as submitted by the Registrar-General, will be used for calculations, and it should be noted that these figures do not correspond with those compiled locally. This is particularly so with regard to the registration of births, as records of inward transfers are not included in returns made by the Local Registrar.

VARIOUS RATES 1928—1968

TABLE 1

	1928	1938	1948	1958	1968
Crude birth rate per 1000 inhabitants	17.20	19.53	19.50	16.28	17.20
Still-birth rate per 1,000 total (live and still) births	—	35.10	30.58	35.56	12.85
Crude death rate per 1,000 inhabitants	12.60	12.67	10.33	12.12	12.40
Infantile mortality rate per 1,000 live-births	94.90	55.08	47.04	15.18	13.01

EBBW VALE URBAN DISTRICT—POPULATION

TABLE 2

Year	Estimated Mid-year Population		Census		
1964	28,100	1931	...	31,695
1965	27,910			
1966	27,790	1951	...	29,220
1967	27,600			
1968	26,760	1961	...	28,627

Acreage and Population of Wards — Census 1951, 1961

TABLE 3

WARD				ACREAGE	POPULATION, CENSUS	
					1951	1961
NORTH	....	....		1,524	4,923	6,158
BADMINTON	....	....		585	4,442	3,775
NORTH CENTRAL	....	....		637	5,032	5,639
CENTRAL	....	....		641	4,522	5,028
SOUTH CENTRAL	....	....		1,609	4,829	3,600
SOUTH	....	....		1,873	5,472	4,427
				6,869	29,220	28,627

BIRTHS

The total number of births registered locally during 1968 was 458 — 241 males and 217 females; 10 males and 6 females being illegitimate. Of this number, however, 145 children (74 males and 71 females including 5 male and 3 female illegitimate births) were born to persons not normally resident, within the district, thus leaving a total of 313 'local' births — 167 males and 146 females.

The figures returned by the Registrar General were 246 males (19 illegitimate) and 215 females (15 illegitimate), a total of 461. The difference of 148 between our totals and those of the Registrar's is due to the fact that records of inward transferrable births are not received by this Department.

In 1968 the general birth rate per thousand of the population was 17.22, the male rate was 9.19 and the female 8.03 whilst in 1967 these rates were 8.11 and 7.97 respectively. The illegitimate birth rate expressed as a percentage of the total live births was 7.37. In 1967 this figure was 6.98 %

The number of still-births was 6 and the still-birth rate per 1,000 total (live and still) births was 12.85. In 1967 this figure was 26.31.

IN the following table the number of births and the birth rate per 1,000 of the population for each of the past five years are compared with the figures given for the County of Monmouth and England and Wales. The local rates have been adjusted by use of the given comparability factor for the appropriate year;

Comparability factor Births — 1.15.

TABLE 4

Year	No. of Births	Birth rate per 1,000		
		Ebbw Vale	County of Monmouth	England and Wales
1964	486	18.15	18.76	18.40
1965	494	18.57	19.05	18.00
1966	486	18.36	17.88	17.70
1967	444	16.88	17.13	17.20
1968	461	19.78	17.44	16.90

THE table given below shows the total number of domiciliary and maternity home births registered in the district during the five year period 1964—68. These figures are obtained from local returns.

TABLE 5

	1968 Born at:		1967 Born at:		1966 Born at:		1965 Born at:		1964 Born at:	
	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home	Home	Rookery Maternity Home
Total births regist'd	52	406	41	447	48	496	76	463	90	449
Outward transfers	—	145	—	194	—	205	3	205	3	198
Local	52	261	41	253	48	291	73	258	87	251

INFANTILE MORTALITY

	1968	1967	1966	1965	1964
Number of deaths (under 1 year)	6	19	12	13	14
Number of live-births	461	444	486	494	486
Infant mortality rate per 1,000 live-births	13.01	42.79	24.70	26.32	28.81
Legitimate infant deaths per 1,000 legitimate live-births	14.05	46.00	25.53	27.65	29.78
Illegitimate infant deaths per 1,000 illegitimate live-births	0.00	0.00	0.00	0.00	0.00
Neo-natal mortality rate (deaths under 4 weeks) per 1,000 live births	10.84	33.33	12.77	12.15	18.48
Early neo-natal mortality rate (deaths under 1 week) per 1,000 live births	8.67	29.27	12.77	12.15	18.48
Perinatal mortality rate (still-births and deaths under 1 week combined) per 1,000 total live and still births	21.41	54.82	40.49	39.37	47.91
Number of still-births	6	12	8	14	15
Still-birth rate per 1,000 total live and still-births	12.85	26.31	16.19	27.55	29.94
Still-birth rate per 1,000 population	0.22	0.43	0.29	0.50	0.53

COMPARISON RATES, 1968

	Ebbw Vale	County of Monmouth	England & Wales
Infant mortality rate per 1,000 live births	13.01	18.74	18.0
Neo-natal mortality rate per 1,000 live-births	10.84	13.76	12.3
Perinatal mortality rate per 1,000 live and still-births	21.41	28.99	25.0
Still-birth rate per 1,000 total live and still-births	12.85	19.54	14.0

INFANTILE MORTALITY, 1968

Deaths from stated causes at various ages under one year.

TABLE 6

CAUSE OF DEATH	Males	Females	Total und. 1 yr	Under 1 day	1 — 7 days	7 — 14 days	14 — 21 days	21 — 28 days	Total under one month	1 — 3 mths.	3 — 6 mths.	6 — 9 mths.	9 — 12 mths.	Total 1 Mth. and over
1. Tuberculosis
2. Syphilitic disease
3. Diphtheria
4. Whooping Cough
5. Meningococcal infection
6. Acute poliomyelitis
7. Measles
8. Cancer (malignant disease)
9. Heart disease
10. Influenza
11. Pneumonia (all forms)	1	...	1	...	...	...	1	...	1	...	...	...	...	...
12. Bronchitis
13. Other respiratory diseases
14. Congenital abnormalities	1	1	...	1	...	...	...	1	...	...	...	...	...
15. Gastritis, enteritis and diarrhoea
16. Accident
17. Atelectasis
18. Prematurity	3	...	3	2	1	...	...	...	3	...	...	...	...	...
19. Erythroblastosis, foetalis or incompatibility of parents' blood group
20. All other causes	1	...	1	...	...	...	...	...	...	...	1	...	...	1
	5	1	6	2	2	...	1	...	5	...	1	...	...	1

**STILL BIRTHS AND
INFANTILE MORTALITY 1959—1968**

Certain Stated Causes

TABLE 7

Cause of death	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	TOTALS
Heart disease	—	1	1	—	2	1	—	—	—	—	5
Pneumonia	3	1	3	—	3	3	3	2	1	1	20
Accident	3	—	—	1	2	2	—	—	2	—	10
Atelectasis	—	2	—	—	2	—	—	—	1	—	5
Prematurity	7	1	7	5	5	3	4	1	7	3	43
Cong. malformations	2	2	3	—	—	2	1	4	2	1	17
Still births	16	13	15	12	8	15	14	8	12	6	119

DEATHS

The return of deaths as received from the Local Registrar showed the number of deaths in the Ebbw Vale area during 1968 to be 262 but of this number 44 were persons normally resident elsewhere, i.e. outward transfers. The number of residents who died within the area was therefore 218 — 115 males and 103 females. The inward transferable deaths (persons normally resident in Ebbw Vale who died outside the area) totalled 113 — 62 males and 51 females. The total number of deaths from all causes assigned to this area for 1968 are 331 — 177 males and 154 females.

These were also the figures given to this Authority by the Registrar General.

The death rate per 1,000 of the population for the year 1968 was 12.40, the male death rate being 6.6 and the female 5.8. For 1967 those rates were 7.72 and 4.49 respectively.

In the following table the death rates per thousand of the population for the past five years are compared with those for the County of Monmouth, England and Wales. The local rates have been adjusted by the use of the comparability factor for the appropriate year; C.F. Deaths — 1.12.

TABLE 8

Year	No. of Deaths	Death rate per 1,000		
		Ebbw Vale	County of Monmouth	England and Wales
1964	317	13.87	13.72	11.30
1965	309	13.51	13.76	11.50
1966	347	15.23	13.59	11.70
1967	337	14.88	12.87	11.20
1968	331	13.88	13.68	11.90

CAUSES OF DEATH IN THE EBBW VALE URBAN DISTRICT, 1968

Returns of the Registrar General.

TABLE 9

		Males	Females	Total
1. Enteritis and Other Diarrhoeal Diseases	....	1	—	1
2. Tuberculosis of Respiratory System	....	2	—	2
3. Other Tuberculosis, Incl. Late Effects	....	1	1	2
4. Syphilis and its Sequelae	....	—	1	1
5. Malignant Neoplasm — Stomach	....	3	2	5
6. Malignant Neoplasm — Lung, Bronchus	....	11	—	11
7. Malignant Neoplasm — Breast	....	—	7	7
8. Leukaemia	....	—	1	1
9. Other Malignant Neoplasms, etc.	....	20	13	33
10. Benign and Unspecified Neoplasms	....	1	—	1
11. Diabetes Mellitus	....	1	2	3
12. Other Endocrine, etc., Diseases	....	1	1	2
13. Anaemias	....	1	—	1
14. Other Diseases of Nervous System, etc.	....	1	3	4
15. Chronic Rheumatic Heart Disease	....	2	—	2
16. Hypertensive Disease	....	5	4	9
17. Ischaemic Heart Disease	....	52	40	92
18. Other Forms of Heart Disease	....	3	11	14
19. Cerebrovascular Disease	....	15	23	38
20. Other Diseases of Circulatory System	....	4	10	14
21. Influenza	....	2	1	3
22. Pneumonia	....	5	9	14
23. Bronchitis and Emphysema	....	23	5	28
24. Asthma	....	—	1	1
25. Other Diseases of Respiratory System	....	1	—	1
26. Peptic Ulcer	....	2	1	3
27. Intestinal Obstruction and Hernia	....	—	2	2
28. Cirrhosis of Liver	....	1	—	1
29. Other Diseases of Digestive System	....	2	2	4
30. Nephritis and Nephrosis	....	1	2	3
31. Hyperplasia of Prostate	....	1	—	1
32. Other Diseases, Genito-Urinary System	....	1	2	3
33. Congenital Anomalies	....	1	2	3
34. Birth Injury, Difficult Labour, etc.	....	1	—	1
35. Other Causes of Perinatal Mortality	....	2	—	2
36. Symptoms and Ill-Defined Conditions	....	—	2	2
37. Motor Vehicle Accidents	....	1	1	2
38. All Other Accidents	....	6	3	9
39. Suicide and Self-Inflicted Injuries	....	3	1	4
40. All Other External Causes	....	—	1	1
		<hr/>	<hr/>	<hr/>
	Totals	177	154	331
		<hr/>	<hr/>	<hr/>

Causes of Death in the Ebbw Vale Urban District, 1968
Local Returns (including Inward Transferable Deaths) Age Groups

TABLE 10

CAUSE OF DEATH	Males	Females	At all ages	Under 4 wks.	4 wks. to 1 yr.	1—4 yrs.	5—14 yrs.	15—24 yrs.	25—34 yrs.	35—44 yrs.	45—54 yrs.	55—64 yrs.	65—74 yrs.	Over 75 yrs.
1. Enteritis & Other Diarrhoeal Diseases	1	—	1	—	—	1	—	—	—	—	—	—	—	—
2. Tuberculosis of Respiratory System	2	—	2	—	—	—	—	—	—	—	—	—	2	—
3. Other Tuberculosis, incl. Late Effects	1	1	2	—	—	1	—	—	—	—	—	1	—	—
4. Syphilis and its Sequelae	—	1	1	—	—	—	—	—	—	—	—	—	1	—
5. Malignant Neoplasm—Stomach	3	2	5	—	—	—	—	—	—	—	—	—	2	3
6. Malignant Neoplasm—Lung, Bronchus	11	—	11	—	—	—	—	—	—	—	2	5	3	1
7. Malignant Neoplasm—Breast	—	7	7	—	—	—	—	—	—	1	2	1	2	1
8. Leukaemia	—	1	1	—	—	—	1	—	—	—	—	—	—	—
9. Other Malignant Neoplasms, etc.	20	13	33	—	—	—	2	—	—	1	2	10	8	10
10. Benign and Unspecified Neoplasms	1	—	1	—	—	—	—	—	—	—	—	1	—	—
11. Diabetes Mellitus	1	2	3	—	—	—	—	—	—	—	—	1	1	1
12. Other Endocrine, etc., Diseases	1	1	2	—	—	—	—	—	—	1	—	—	—	1
13. Anaemias	1	—	1	—	—	—	—	—	—	—	1	—	—	—
14. Other Diseases of Nervous System, etc.	1	3	4	—	1	—	—	—	—	—	—	1	—	2
15. Chronic Rheumatic Heart Disease	2	—	2	—	—	—	—	—	—	—	1	—	1	—
16. Hypertensive Disease	5	4	9	—	—	—	—	—	—	—	—	1	3	5
17. Ischaemic Heart Disease	52	40	92	—	—	—	—	—	—	2	8	21	26	35
18. Other Forms of Heart Disease	3	11	14	—	—	—	—	—	1	1	—	2	2	8
19. Cerebrovascular Disease	15	23	38	—	—	—	—	—	—	—	1	7	9	21
20. Other Diseases of Circulatory System	4	10	14	—	—	—	—	—	—	1	—	1	5	7
21. Influenza	2	1	3	—	—	—	—	—	—	—	1	—	—	2
22. Pneumonia	5	9	14	1	—	—	—	—	—	—	1	1	4	7
23. Bronchitis and Emphysema	23	5	28	—	—	—	—	—	—	—	1	10	12	5
24. Asthma	—	1	1	—	—	—	—	—	—	—	1	—	—	—
25. Other Diseases of Respiratory System	1	—	1	—	—	—	—	—	—	—	—	1	—	—
26. Peptic Ulcer	2	1	3	—	—	—	—	—	—	—	2	—	—	1
27. Intestinal Obstruction and Hernia	—	2	2	—	—	—	—	—	—	—	—	1	—	1
28. Cirrhosis of Liver	1	—	1	—	—	—	—	—	—	—	—	—	—	1
29. Other Diseases of Digestive System	2	2	4	—	—	—	1	—	—	—	—	1	—	2
30. Nephritis and Nephrosis	1	2	3	—	—	—	—	—	—	—	1	1	1	—
31. Hyperplasia of Prostate	1	—	1	—	—	—	—	—	—	—	—	1	—	—
32. Other Diseases, Genito-Urinary System	1	2	3	—	—	—	—	—	—	—	1	—	1	1
33. Congenital Anomalies	1	2	3	1	—	—	—	—	—	—	—	1	1	—
34. Birth Injury, Difficult Labour, etc.	1	—	1	1	—	—	—	—	—	—	—	—	—	—
35. Other Causes of Perinatal Mortality	2	—	2	2	—	—	—	—	—	—	—	—	—	—
36. Symptoms and Ill-Defined Conditions	—	2	2	—	—	—	—	—	—	—	—	1	—	1
37. Motor Vehicle Accidents	1	1	2	—	—	1	—	1	—	—	—	—	—	—
38. All Other Accidents	6	3	9	—	—	—	—	—	2	—	—	2	2	3
39. Suicide and Self-Inflicted Injuries	3	1	4	—	—	—	—	2	—	—	—	1	1	—
40. All Other External Causes	—	1	1	—	—	—	—	1	—	—	—	—	—	—
	177	154	331	5	1	3	4	4	3	7	25	73	87	119

TABLE 11
MONTHLY REGISTRATION OF DEATHS 1968. LOCAL RETURNS.

Month	Total Registered Deaths		Outward Transfers		Inward Transfers		Total 'Local' Deaths		Total	Quarterly Totals
	M	F	M	F	M	F	M	F		
January	14	9	3	—	5	8	16	17	33	89
February	10	13	2	1	6	2	14	14	28	
March	13	9	1	4	7	4	19	9	28	
April	10	19	3	7	10	3	17	15	32	77
May	8	12	1	4	7	3	14	11	25	
June	10	9	2	2	3	2	11	9	20	
July	11	16	1	2	5	7	15	21	36	78
August	7	3	1	—	4	4	10	7	17	
September	15	9	2	2	—	5	13	12	25	
October	6	12	2	1	5	3	9	14	23	87
November	12	6	1	—	5	7	16	13	29	
December	19	10	1	1	5	3	23	12	35	
	135	127	20	24	62	51	177	154	331	331

The figures for the total 'local' deaths are found by using the formula — 'local' deaths = Total —
— Outward + Inward Transfers.

DURING the past five years 1964 to 1968, the number of deaths and death rates per 1,000 of the population, from all forms of cancer, 'lung' cancer, bronchitis, coronary disease and all forms of accidents were as follows :—

CANCER, ALL SITES

TABLE 12

Year			No. of deaths	Death rate	% of total deaths
1964	....	....	56	1.99	17.66
1965	....	....	60	2.15	19.42
1966	....	....	51	1.83	14.69
1967	....	....	58	2.17	17.21
1968	....	....	57	2.13	17.22
Total 1964—1968			282	2.05 (av.)	17.24 (av.)

'LUNG' CANCER

TABLE 13

Year			No. of deaths	Death rate	% of total deaths
1964	....	....	15	0.53	4.73
1965	....	....	18	0.65	5.83
1966	....	....	10	0.36	2.88
1967	....	....	17	0.61	5.04
1968	....	....	11	0.41	3.32
Total 1964—1968			71	0.51 (av.)	4.36 (av.)

BRONCHITIS

TABLE 14

Year			No. of deaths	Death rate	% of total deaths
1964	....	....	25	0.89	7.88
1965	....	....	23	0.82	7.44
1966	....	....	28	1.00	8.07
1967	....	....	24	0.86	7.12
1968	....	....	28	1.05	8.46
Total 1964—1968			128	0.92 (av.)	7.79 (av.)

CORONARY DISEASE, ANGINA

TABLE 15

Year	No. of deaths	Death rate	% of total deaths
1964	71	2.53	22.39
1965	78	2.79	25.24
1966	86	3.09	24.78
1967	92	3.33	27.29
1968	92	3.43	27.82
Total 1964—1968	419	3.03 (av.)	25.50 (av.)

The local death rate from Coronary Diseases appears slowly but surely to be rising. Three disturbing aspects are :— first, that it often kills without prior warning; second, that it often strikes those at the height of their mental powers; third, that the cause is unknown, although many causative factors have been suspected.

ACCIDENTS, ALL FORMS

TABLE 16

Year	No. of deaths	Death Rate	% of total deaths
1964	17	0.60	5.36
1965	7	0.25	2.26
1966	6	0.22	1.73
1967	14	0.50	4.15
1968	11	0.41	3.32
Total 1964-68	55	0.39 (av.)	3.36 (av.)

COUNTY STATISTICS

The figures below apply to the County of Monmouth for the year 1968; for the purposes of comparison the local rates are shown.

TABLE 17

	County of Monmouth	Ebbw Vale
Number of live-births	6,029	461
Live birth-rate per 1,000 population, crude	17.10	17.20
Live birth-rate per 1,000 population, adjusted	17.44	19.78
Illegitimate live-births per cent, of total live births	6.12	7.37
Number of still-births	110	6
Still-birth rate per 1,000 total live and still births	19.54	12.85
Total number of live and still-births	6,139	467
Total number of infants' deaths (under 1 yr. of age)	113	6
Infant mortality rate per 1,000 total live births	18.74	13.01
Mortality rate of legitimate infants per 1,000 legitimate live births	18.72	14.05
Mortality rate of illegitimate infants per 1,000 illegitimate live-births	18.97	—

Neo-natal mortality rate per 1,000 live births (first four weeks)	13.76	10.84
Early neo-natal mortality rate per 1,000 live births (under 1 week)	11.27	8.67
Perinatal mortality (still-births and deaths of infants under 1 week of age) per 1,000 total live and still births)	28.99	21.41
Number of maternal deaths (including abortions)	4	—
Maternal mortality rate per 1,000 live and still-births	0.65	0.00
Still-birth rate per 1,000 population	0.31	0.22
Total death rate per 1,000 population, crude	12.22	12.40
Total death rate per 1,000 population, adjusted	13.68	13.88
Total number of deaths	4,289	331
Estimated Mid-year Home population	350,810	26,760

Comparability Factors :— Ebbw Vale Births 1.15, Deaths 1.12.

EBBW VALE

Live Births

	M	F	Total
Total	246	215	461
Legitimate	227	200	427
Illegitimate	19	15	34

Still Births

Total	1	5	6
Legitimate	1	5	6
Illegitimate	—	—	—

Deaths of infants under one year of age

Total	5	1	6
Legitimate	5	1	6
Illegitimate	—	—	—

Deaths of infants under 4 weeks of age

Total	4	1	5
Legitimate	4	1	5
Illegitimate	—	—	—

Deaths of infants under 1 week of age

Total	3	1	4
Legitimate	3	1	4
Illegitimate	—	—	—

INFECTIOUS DISEASES

TABLE 18

DURING the year, 589 cases of infectious diseases were notified, giving an attack rate per thousand of the population of 22.01.

Year		No. of cases notified		Attack rate per 1,000
1964	....	761	....	27.08
1965	....	328	....	11.75
1966	....	102	....	3.67
1967	....	177	....	6.41
1968	....	589	....	22.01

INFECTIOUS DISEASES — MORTALITY

DURING the year there were no deaths, tuberculosis excepted, from any notified case of infectious disease.

In the Table below are shown the cases notified and the case rate per 1,000 of the population for each of the notifiable diseases.

CASES NOTIFIED — TABLE 19

Disease				No. of cases Notified	Attack rate per 1,000
Erysipelas	....	....	....	1	0.04
Food Poisoning	....	....	....	68	2.54
Measles	....	....	....	502	18.76
Whooping Cough	....	....	....	2	0.07
Scarlet Fever	....	....	....	7	0.26
Tuberculosis, respiratory	....	....	....	5	0.19
Tuberculosis, other	....	....	....	1	0.04
Infective Hepatitis	....	....	....	3	0.11
				589	22.01

DIPHTHERIA IMMUNISATION

NO case of Diphtheria was notified in this area during the year. Protection may be obtained, free of cost, at the Infant Welfare Centres, surgeries of the medical practitioners, and the Health Clinic. It is still difficult, however, to convince some people of the immense value and continuing necessity of the protection afforded by immunisation.

Diphtheria immunisation can be carried out alone, or with whooping cough vaccine, or with tetanus (lock jaw) vaccine, or the three together commonly known as the 'three-in-one'.

DIPHTHERIA — England and Wales, 1948, 1958, 1968

Year	Notifications				Deaths	
1948	3575	(190)	....	156 (7)
1958	78	(—)	....	8 (—)
1968	15	(—)	....	1 (—)

The figures in parenthesis relate to Wales alone.

SMALLPOX

NO cases of smallpox were notified during the year.

SMALLPOX VACCINATION

VACCINATION against smallpox is not compulsory but this treatment is given free of cost at infant welfare centres and surgeries of the medical practitioners.

No cases of generalised vaccinia or post-vaccinal encephalomyelitis occurred during the year and there were no deaths from other complications of vaccination. I give below, in specified age groups, the number of persons primarily vaccinated or re-vaccinated during the past twelve months.

Smallpox Vaccinations carried out during the years 1964—1968

TABLE 20

Year	1968	1967	1966	1965	1964
Primary :—					
Under 1 year	—	—	2	3	1
1—4 years	32	19	56	26	9
5—14 years	6	2	8	4	—
15 years and over	11	9	16	11	1
Re-vaccinations	6	4	84	20	10
	55	34	166	64	21

POLIOMYELITIS

NO case of poliomyelitis has been notified during the past six years since the 19 cases that were notified in 1962.

POLIOMYELITIS VACCINATION

ADMINISTRATION of oral vaccine started on the 1st June, 1962 and since that date 36,360 vaccinations have been carried out.

The number of vaccinations administered during 1968 was 767.

DYSENTERY

DURING the year no cases of dysentery were notified.

The total number of cases of dysentery notified during the past five years is given below.

	1968	1967	1966	1965	1964
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Cases notified	—	—	1	1	7

FOOD POISONING

SIXTY-EIGHT cases of food poisoning were notified during 1968. Two of these were confirmed by laboratory examination of faecal specimens.

I give below details of faecal samples submitted for laboratory examination.

Total faecal specimens	165
Shigella sonnei isolated	22
Salmonella typhimurium isolated	4
No relevant pathogen isolated	139

	1968	1967	1966	1965	1964
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Cases of food poisoning notified	68	2	18	18	22
Cases not confirmed bacteriologically	66	2	18	18	20
Cases confirmed bacteriologically	2	—	—	—	2

TYPHOID AND PARATYPHOID FEVER

No case of typhoid or paratyphoid fever was notified during 1968.

TUBERCULOSIS

DURING the year six cases of tuberculosis were notified; 5 respiratory and 1 non-respiratory. There were 2 deaths from respiratory tuberculosis and 2 from non-respiratory.

Each case notified is visited by the Medical Officer of Health and the Health Visitor and a report upon environmental conditions is sent to the Area Chest Physician and the County Medical Officer. The Welfare facilities, e.g. occupational therapy provided by the Local Health Authority and financial assistance provided by the Ministry of Social Security, are brought to the notice of the patients. This Authority, in addition, offers rehousing where necessary.

Arrangements are made for all contacts to be seen at the Chest Clinic for skin tests, X-rays and B.C.G. Vaccination.

Skin testing for tuberculosis in the 'under fives' was carried out in the Child Welfare Clinics and at this office. Certain children of school age were offered the same facility and all positive skin tests were passed to the care of the Chest Physician. Skin test negatives in the age group thirteen years and over were offered B.C.G. Vaccination.

Patients from the area attend the Chest Clinics at Pentwyn House, Ebbw Vale and the General Hospital, Tredegar. It is anticipated, however, that in view of the re-organisation of the hospital services in this area, patients will, in future, be seen at the new Nevill Hall Hospital, Abergavenny.

The following information on patients seen at the Ebbw Vale Clinic during 1968 was supplied by the Chest Physician.

TABLE 21

No. of cases of tuberculosis taken off register	4
No. of new patients examined	179
No. of old patients examined	257
No. of patients given B.C.G.	30

TABLE 22

	1968	1967	1966	1965	1964
Number of persons examined for the first time at the Ebbw Vale Clinic	179	260	271	260	293
Total number of attendances at the Ebbw Vale Clinic	436	387	709	669	718

TUBERCULOSIS

1.—Summary of Notifications received during the period 1st January to 31st December, 1968.

TABLE 23

FORMAL NOTIFICATIONS											
		Primary notifications of new cases of tuberculosis									
Age periods :		0-	1-	2-	5-	10-	15-	20-	25-	35-	Total
Resp.	Males	—	—	—	—	—	—	1	—	1	—
	Females	—	—	—	—	1	—	—	—	—	3
Non-resp.	Males	—	—	—	—	—	—	—	—	—	—
	Females	—	—	—	—	—	—	—	—	—	—

2.—New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, other than by Formal Notification.

		Number of cases in age groups										
Source of information :		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	Total
Death returns from Local Registrar	Resp.	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—
Death returns from Registrar-General (transferable) deaths	Non-resp.	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—
Posthumous Notifications	Resp.	—	—	—	—	—	—	—	—	—	1	—
	F	—	—	—	—	—	—	—	—	—	—	—
Non-resp.	M	—	1	—	—	—	—	—	—	—	—	1
	F	—	—	—	—	—	—	—	—	—	—	—

3.—Deaths from tuberculosis, 1968 — age groups.

		Age groups :										
Age groups :		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	Total
Resp.	Males	—	—	—	—	—	—	—	—	—	—	2
	Females	—	—	—	—	—	—	—	—	—	—	—
Non-resp.	Males	—	1	—	—	—	—	—	—	—	—	1
	Females	—	—	—	—	—	—	—	—	—	1	1

CASES NOTIFIED AND DEATHS FROM TUBERCULOSIS 1928 — 1968

TABLE 24

Year	Cases Notified	Attack rate per 1,000	Deaths	Death rate per 1,000
1928	96	2.84	30	0.88
1938	48	1.60	19	0.64
1948	47	1.60	25	0.85
1958	14	0.50	4	0.14
1968	6	0.22	4	0.15

PUBLIC HEALTH ACT, 1936 S.172

NO action was taken under this Section which deals with the removal to Hospital by means of application to a Court of Summary Jurisdiction by the Local Authority, of infectious persons suffering from tuberculosis of the respiratory tract.

PUBLIC HEALTH (Prevention of Tuberculosis) REGULATIONS

NO action was taken under these Regulations in respect of persons, suffering from Tuberculosis, employed in the milk trade.

ADMISSIONS TO SANATORIA, 1968

TABLE 25

SANATORIUM	Cases Admitted	Transfers from other Sanatoria	Cases Discharged
South Wales Sanatorium, Talgarth	7	—	10

NOTIFIABLE DISEASES

Cases admitted to Isolation Hospitals, 1968

NO notified case of infectious disease, tuberculosis excepted, was admitted to Isolation Hospital during the year.

INFECTIOUS DISEASES
Aanalysis of Total Cases Notified During 1968 — By Age

TABLE 26

DISEASE	Males	Females	At all ages	Under 1 year	1 — 2 years	2 — 3 years	3 — 4 years	4 — 5 years	5 — 10 years	10 — 15 years	15 — 20 years	20 — 25 years	25 — 35 years	35 — 45 years	45 — 65 years	Over 65 years	Cases removed to Hospital
Tuberculosis, Respiratory ...	4	1	5	—	—	—	—	—	—	1	—	1	—	—	—	2	4
Tuberculosis, Other ...	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Scarlet Fever ...	—	7	7	—	—	1	1	1	4	—	—	—	—	—	—	—	—
Food Poisoning ...	33	35	68	6	10	3	10	4	12	3	1	3	7	4	4	1	—
Measles ...	256	246	502	32	64	72	73	72	186	3	—	—	—	—	—	—	—
Infective Hepatitis ...	1	2	3	—	—	—	—	—	2	1	—	—	—	—	—	—	—
Whooping Cough ...	1	1	2	1	—	—	1	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
	297	292	589	39	75	76	85	77	204	8	1	4	7	5	5	3	5

INFECTIOUS DISEASES

Ward Distribution

TABLE 27

DISEASE	Wards						
	North	Badminton	N. Central	Central	S. Central	South	TOTAL
Tuberculosis, Respiratory	1	3	—	—	—	1	5
Tuberculosis, Other	—	—	—	—	—	1	1
Scarlet Fever	5	1	—	—	—	1	7
Food Poisoning	52	7	2	6	1	—	68
Measles	172	24	59	57	64	126	502
Infective Hepatitis	—	—	—	—	1	2	3
Whooping Cough	—	—	—	—	—	2	2
Erysipelas	—	—	—	1	—	—	1
	230	35	61	64	66	133	589

MONMOUTHSHIRE COUNTY COUNCIL SERVICES

At the Health Clinic, Civic Centre, the following services are provided :—

- | | |
|--------------------------|-------------------|
| (a) Ante-natal | (h) Mental health |
| (b) Child Welfare | (i) Mothercraft |
| (c) Chiropody | (j) Orthopaedic |
| (d) Dental | (k) Post-natal |
| (e) Ear, nose and throat | (l) Refraction |
| (f) Health Visitors | (m) School health |
| (g) Home help | (n) Speech |

In addition the related services are run in the area :—

- | | |
|------------------------|------------------------------|
| (1) Ambulance Services | (3) Medical appliance scheme |
| (2) Home Nursing | (4) Midwifery |

HOSPITALS

Hospital	Services
Ebbw Vale Hospital	General
The Rookery	Maternity
St. James, Tredegar	General and Maternity
Nevill Hall, Abergavenny	General
Pen-y-val, Abergavenny	Mental Health
Maindiff Court, Abergavenny	Mental Health
Nantyglo & Blaina	Ear, Nose and Throat
Merthyr	Paediatric
Allt-yr-Yn, Newport	Infectious diseases

LABORATORY SERVICES

THE Public Health Laboratory Service is directed by the Medical Research Council for the Ministry of Health. Samples including milk, water and ice-cream and faecal specimens are sent for bacteriological and pathological examination to the Public Health Laboratory at Clytha Square, Newport. The chemical examination of water and the estimation of atmospheric pollution from the deposit gauges are made by the Public Analyst in a private capacity.

NATIONAL ASSISTANCE ACT, 1948 s.47

IN one case action was taken by the Council under s.47 of the above Act, which provides for the removal to suitable premises of persons who :—

- (a) are suffering from grave chronic disease, or, being aged, and physically incapacitated, are living in insanitary conditions, and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.

PUBLIC CLEANSING

DURING the year public cleansing was maintained at the usual standard. In some areas collection was daily in others twice weekly. Equipment in use was four rear loading compression vehicles, one dual tip vehicle, one mechanical gully cleanser, one mechanical suction sweeper and a Chaseside Loader.

CONCLUSION

THE Staff of the Public Health Department have carried out their work conscientiously, Officers and Staff of other Departments have been helpful and Council Members have shown their usual keen interest.

Mr. A. Foster, Chief Clerk in the Department carried out all the calculations in this report and Miss Hill the heavy work of typing.

I would like to thank all the above-mentioned for their contributions to the smooth working of this Department.

THOMAS STEPHENS,
Medical Officer of Health.

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR/HOUSING MANAGER

for the years ending 31st December, 1968

Estimated population	....	....	....	....	26,760
Cases of infectious disease notified	....	....	....	....	589
Number of new cases of tuberculosis	....	....	....	....	6
Number of new houses erected during the year :—					
(i) By Local Authority	....	....	....	....	28
(ii) By other persons	....	....	....	....	10
Number of houses demolished	....	....	....	....	21

HOUSING

ONLY 28 units of accommodation were completed during 1968, due mainly to delays in finalising contracts. Two contracts were, however, commenced during the year; one for 70 Rofton houses and another for 105 houses constructed by Messrs. Laings under a Consortium agreement operated by the Welsh Office.

It is anticipated that both these contracts will be completed during 1969.

Negotiations were also started during 1968 for a contract involving approximately 250 houses on the Newtown site, and for a warden scheme for old people containing 23 units.

There were 185 applications received for Council accommodation during 1968.

Number of separate dwellings owned by the Local Authority on 31st December, 1968.

					Number
Pre-war dwellings	....	....	....	....	724
Post-war dwellings	....	....	....	....	2,295
Miscellaneous dwellings	....	....	....	....	58
Shops	....	....	....	....	21
					<hr style="width: 20%; margin: 0 auto;"/> 3,098

Number of separate dwellings completed during the year :—

		1968	1967	1966	1965	1964
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
(i)	By Local Authority	.... 28	156	165	31	60
(ii)	By Other Persons	.... 10	15	20	33	24
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
		38	171	185	64	84
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

SLUM CLEARANCE AND RE-DEVELOPMENT PROGRAMME

During the year families were rehoused from all 32 houses in Wilputte Terrace which were being demolished to allow for an extension to the Steelworks.

Rehousing also continued from the 70 houses at Victoria Road which are included in the Slum Clearance and Re-Development programme of the Local Authority. Eleven families were rehoused from this area and it is expected that by mid 1969 the rehousing will have been completed and demolition commenced.

The total number of families rehoused during 1968 from houses due to be demolished, was 22.

The total number of houses dealt with under slum clearance or re-development is shown below :—

Number of houses in clearance areas	....	....	240
Individual demolition or closing orders		....	614
Undertakings accepted	....	....	21
			<hr/>
			875
			<hr/>

HOUSING FINANCIAL PROVISIONS ACT, 1958

The Local Authority continue to take full advantage of this Act and owners of properties are given every encouragement to improve their properties.

Improvement Grants—1968

(a)	Number of Standard Improvement Grants	....	9
(b)	Number of Other Improvement Grants	....	77
(c)	Amount of Standard Improvement Grants	....	£1,190
(d)	Amount of Other Improvement Grants	....	£19,829

Improvement Loans—1968

(a)	Number of Improvement Loans	....	....	64
(b)	Amount of Improvement Loans	....	....	£20,190

I am grateful to the Treasurer for the above figures.

1—UNFIT DWELLING HOUSES

A. Inspection of dwelling houses during the year

1. (a)	Total number of dwelling houses inspected for housing defects under the Public Health or Housing Acts	194
(b)	Number of inspections made for the purpose	428
2. (a)	Number of dwelling houses (including in sub-head 1 above) which were inspected and recorded under the housing Consolidated Regulations 1925 and 1932	17
(b)	Number of inspections made for the purpose	51
3.	Number of dwelling houses found to be in a state of danger or injurious to health as to be unfit for human habitation	—
4.	Number of dwelling houses (exclusive to those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation	6

B. Remedy of Defects without service of Formal Notices

Number of dwelling houses rendered fit in respect of informal action by the Local Authority	45
--------------------------------------------------------------------------------------------------	----

2—ACTION UNDER STATUTORY POWERS DURING THE YEAR

A. Proceedings under Sections 9 & 10 of the Housing Act, 1957

1.	Number of dwelling houses in respect of which notices were served requiring repairs	NIL
2.	Number of dwelling houses which were rendered fit after service of formal notices :—	
(i)	By the owners	NIL
(ii)	By the Local Authority in default	NIL

B. Proceedings under Sections 16 & 23 of the Housing Act, 1957

1.	Number of houses in respect of which demolition orders were made	8
2.	Number of houses demolished in pursuance of demolition orders	21

C. Proceedings under Section 42 of the Housing Act, 1957

1.	Number of Clearance Orders confirmed during the year	NIL
2.	Number of houses included in Clearance Orders	NIL
3.	Number of Compulsory Orders confirmed	NIL
4.	Number of houses included in Compulsory Purchase Orders	NIL

D. Proceedings under Section 10 of the Local Government Miscellaneous Provisions Act, 1963, or under Section 18 of the Housing Act

1. Number of Closing Orders made in respect of separate tenement of underground rooms	....	....	....	....	....	NIL
2. Number of premises closed under the Local Government Miscellaneous Provisions Act	....	....	....	....	....	NIL
3. Number of Closing Orders determined where premises have been made fit	....	....	....	....	....	NIL

E. Proceedings under Section 39 of the Public Health Act, 1936

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied	....	....	....	....	3
2. Number of dwelling houses in which defects were remedied after Formal Notices :—					
(i) By owners					
(a) Before Legal Proceedings	....	....	....	....	3
(b) After Legal Proceedings	....	....	....	....	—
(ii) By the Local Authority in default	....	....	....	....	—

F. Proceedings under Section 45 of the Public Health Act, 1936

1. Number of dwelling houses in respect of which notices were served	NIL
----------------------------------------------------------------------	-----

G. Proceedings under Section 93 of the Public Health Act, 1936

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied	....	....	....	....	7
(i) By Owners					
(a) Before legal proceedings	....	....	....	....	4
(b) After legal proceedings	....	....	....	....	3
(ii) By the Local Authority in default	....	....	....	....	NIL

H. Proceedings under Section 24 of the Public Health Act, 1936

Number of notices served	NIL
--------------------------	------	------	------	------	------	-----

I. Proceedings under Section 268 of the Public Health Act, 1936

Number of notices served in respect of moveable dwellings	NIL
-----------------------------------------------------------	------	-----

J. Proceedings under the Rent Act, 1957

1. Number of applications for Certificates of Disrepair	....	....	NIL
2. Number of undertakings received	....	....	NIL
3. Number of Certificates of Disrepair issued	....	....	NIL

3—HOUSING ACT, 1957. PART IV OVERCROWDING

1. (a) Number of dwellings overcrowded at end of the year	....	NIL
(b) Number of families dwelling therein	....	NIL
(c) Number of persons dwelling therein	....	NIL
2. Number of new cases of overcrowding reported during the year	....	NIL
3. Number of cases of overcrowding relieved during the year	....	NIL
Number of persons concerned in such cases	....	NIL
4. Particulars of cases in which dwelling houses have become overcrowded after the Local Authority have taken steps to abate overcrowding	....	NIL

Summary of Inspections carried out during the Year under the Public Health Act, 1936

Sanitary accommodation, Cinemas, etc.	....	6
Drainage works	....	184
Public conveniences	....	112
Piggeries, etc.	....	12
Waterworks	....	12
Nuisances	....	342
Refuse disposal	....	6
Vermin	....	21
Offensive trades	....	4
Rats and Mice infestation	....	1,778
Infectious diseases	....	207
Miscellaneous	....	162
		<hr/> 2,846 <hr/>

ERADICATION OF VERMIN

DURING the year 23 properties were treated for the eradication of vermin. The method employed in carrying out this work was the use of D.D.T. smoke.

Satisfactory results were obtained in each case.

Dwelling houses treated :

Private houses	....	14
Council houses	....	9

PREVENTION OF DAMAGE BY PESTS ACT, 1949

PROPERTIES OTHER THAN SEWERS				TYPE OF PROPERTY	
				Non-Agricultural	Agricultural
1.	Number of properties in district	....	....	8,660	7
2.	(a) Total number of properties (including nearby premises) inspected following notification	....	....	198	3
	(b) Number infested by (i) Rats	....	....	51	3
		(ii) Mice	....	126	—
3.	(a) Total number of properties inspected for rats and/or mice for reasons other than notification	....	....	286	—
	(b) Number infested by (i) Rats	....	....	137	—
		(ii) Mice	....	127	—

The above table gives details of the work carried out during the 12 months, 1st January to 31st December, 1968, regarding infestation in various properties throughout the area.

The more heavily infested parts of the sewers were also treated on two occasions during the year and a total of 763 manholes were dealt with. The poison used for both sewer and surface infestations was Warfarin.

SLAUGHTERHOUSES ACT, 1958

THERE are no licensed slaughterhouses in this area. Assistance is given during illness, holidays, etc., to the Meat Inspector at the Abattoir in Brynmawr.

**FOOD AND DRUGS ACT, 1955
and
FOOD HYGIENE REGULATIONS, 1955**

ALL food premises and canteens in this area were visited regularly and a high standard of cleanliness was generally maintained.

Five notices were served under the above regulations; all were abated by the owners.

Sampling in the area is carried out under the Food and Drugs Act by Officers of the Monmouthshire County Council. During the year the following samples were taken :

Milk — 50; Other Foods — 44; Intoxicating liquor — 4.

The Public Analyst certified all samples to be genuine, with the exception of the following :

Cheese spread with smokey bacon — sample taken was mouldy due to faulty sealing — follow up tests were genuine.

I am indebted to the Chief Inspector, Weights and Measures, for this information.

Details of inspections made during 1968 are given below.

Premises			No. in area	No. of visits
Greengrocers	....	....	24	93
Bakehouses	....	....	1	6
Butchers	....	....	26	150
Canteens	....	....	10	108
Fresh Fish Shops	....	....	1	12
Fried Fish Shops	....	....	9	87
Grocers	....	....	68	204
Market (Indoor)	....	....	1	48
Pie and Sausage Factory	....	....	1	12
Restaurants, Cafes	....	....	10	120
Tripe Factory	....	....	1	12
				852

The number of premises registered under s.16 (1b.) of the Food and Drugs Act 1955 are 52 and a total of 220 visits were made to inspect the premises.

Premises registered under Section 16 (a) are shown under the heading Ice-cream (Heat-Treatment) Regulations, 1947.

Given below is a summary of the foodstuffs condemned during the year.

Food Condemned						Amount
Meat, lbs.	....	....	....	....	....	645
Meat, tins	....	....	....	....	....	77
Cooked ham, lbs.	....	....	....	....	....	20
Fish, lbs.	....	....	....	....	....	132
Meat, packets	....	....	....	....	....	25
Fish, packets	....	....	....	....	....	6
Bacon, lbs.	....	....	....	....	....	3½
Butter, lbs.	....	....	....	....	....	2
Cheese, lbs.	....	....	....	....	....	12
Vegetables, packets	....	....	....	....	....	20

All condemned foods not returned through the wholesalers are disposed of at the Local Authority's refuse tip.

FOOD AND DRUGS ACT, 1955

ICE-CREAM (HEAT-TREATMENT) REGULATIONS, 1947

A TOTAL of 180 visits were made to premises involved in the manufacture, storage and sale of ice-cream. A high standard of cleanliness was maintained at each of the premises visited.

The following table shows the premises registered, the number of visits made and the results of the bacteriological examination of samples of ice-cream. Premises registered for :—

Sale, manufacture and storage	9	Visits made	32
Sale only	123	Visits made	148

Results :—

Grade 1	15
Grade 2	5
Grade 3	1
Grade 4	3
	—
	24
	—

MILK AND DAIRIES REGULATIONS, 1949-54

MILK (Special Designation) REGULATIONS, 1949-54

MILK (Special Designation) SPECIFIED AREA ORDER, 1954

AS this area is a designated area under the Milk (Special Designation) Specified Area Order, 1954, only bottled, pasteurised or heat-treated milk is sold in this area.

During the year 42 samples of milk were submitted for bacteriological examination and all were found to be satisfactory.

Number of dairies registered	16
Number of inspections made	48

LICENSED PREMISES

ALL licensed premises in the district were inspected regularly and in most cases the standard of cleanliness was found to be good.

One notice was served requiring certain defects to be remedied. The nuisance was immediately abated by the owner.

The number of licensed premises in the district is given below :

Public Houses	28
Licensed Clubs	19

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

GIVEN below is information on the work carried out by this Department, under the above Act, during 1968.

The information is taken from a report submitted to the Minister of Labour for the year ended 31st December, 1968.

CLASS OF PREMISES	Number premises registered during year	Total No. registered premises at end of year	Number registered premises receiving general inspection during year	Number persons employed
Offices	3	70	70	386
Retail shops	4	213	213	797
Wholesale shops, Warehouses	—	1	1	28
Catering establishments open to the public, canteens	2	41	41	167
Fuel storage depots	—	1	1	3
TOTALS	9	326	326	1387

Total number of visits of all kinds by inspectors to registered premises 1,760.

Total number of persons employed 1,387 — 488 males, 899 females.

FACTORIES ACT, 1961

ALL factories in the area were inspected regularly and in most cases conditions were found to be satisfactory. On occasions where it was found necessary to ask for improvements the work was immediately carried out. In one instance it was found necessary to serve a notice under s.7 of the Act, whereupon the defects were immediately remedied.

Details of work carried out are shown in the following tables.

FACTORIES ACT, 1961

Prescribed particulars on the administration of the Factories Act, 1961

1. INSECTIONS for the purpose of provisions as to health.

Premises	Number on register (a)	Inspections (b)	No. of Written Notices (c)	Occupiers Prosecuted (d)
(i) Factories in which Sections 1, 2, 3, 4, 6 are enforced by Local Authorities ...	3	12	—	—
(ii) Factories not included in (i) in which s.7 is enforced by the Local Authority ...	48	96	—	—
(iii) Other premises in which s.7 is enforced by the Local Authority (excluding outworkers' premises)	—	—	—	—
TOTAL	51	107	—	—

2.—CASES IN WHICH DEFECTS WERE FOUND

PARTICULARS	Number of cases in which defects were found.		Referred:		Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (s.1)	—	—	—	—	—
Overcrowding (s.2)	—	—	—	—	—
Unreasonable temperature (s.2)	—	—	—	—	—
Inadequate ventilation (s.4)	—	—	—	—	—
Ineffective drainage of floors (s.6)	—	—	—	—	—
Sanitary conveniences (s.7)					
(a) Insufficient					
(b) Unsuitable or defective					
(c) Not separate for sexes	1	1	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—

PART VIII of the ACT — OUTWORK

(Sections 110 and 111)

THERE is only one registered outworker in this district.

CARAVAN SITES

THERE are two licensed caravan sites in the area; a private site licensed for five caravans and the other belonging to the Local Authority. This site contains hard stands for ten caravans, each caravan having a separate water point and drainage. A block of ten water closets and one bath-house has also been erected for their use.

ATMOSPHERIC POLLUTION

IN a densely populated industrial area such as Ebbw Vale, air pollution is perforce a major problem. Much has been done to alleviate this in recent years and the installation of precipitators etc. have led to a reduction in air pollution figures, but further problems will have to be solved before pollution reaches a satisfactory level.

I give below the monthly atmospheric pollution results for 1968.

Gauge No.			Monthly Deposit—tons per sq. mile—Undissolved matter				
			D.2449	D.5445	D.4322	D.5105	D.5402
Sited at			Upper Carno Reservoir	Co-op Stores Bethcar St. Ebbw Vale	Apprentice School Victoria	Pit-head baths Waunlwyd	Co-op Stores Canning St Cwm
JANUARY	....	....	1.46	6.66	16.86	4.54	8.24
FEBRUARY	....	....	1.17	5.17	13.01	6.94	4.17
MARCH	....	....	3.27	13.66	33.18	2.01	7.63
APRIL	....	....	2.20	12.20	27.78	59.55	8.56
MAY	....	....	1.27	3.64	12.10	20.25	4.48
JUNE	....	....	Damaged	8.50	27.27	11.76	7.66
JULY	....	....	„	12.07	30.51	14.01	11.33
AUGUST	....	....	„	9.82	25.58	8.57	5.37
SEPTEMBER	....	....	„	15.43	39.84	3.19	10.44
OCTOBER	....	....	„	12.98	24.23	5.24	4.52
NOVEMBER	....	....	„	8.97	26.53	3.09	4.14
DECEMBER	....	....	„	7.89	31.19	7.59	19.37

RAINFALL

Month				Inches	No. of days
JANUARY	....	....	....	7.85	22
FEBRUARY	....	....	....	2.35	11
MARCH	....	....	....	7.68	14
APRIL	....	....	....	4.78	12
MAY	....	....	....	5.08	17
JUNE	....	....	....	7.19	15
JULY	....	....	....	6.24	11
AUGUST	....	....	....	2.69	17
SEPTEMBER	....	....	....	9.46	23
OCTOBER	....	....	....	9.10	23
NOVEMBER	....	....	....	5.33	17
DECEMBER	....	....	....	5.45	15
				<hr/> 73.22 <hr/>	<hr/> 197 <hr/>

WATER SUPPLY

THE water supply for the area is derived from two reservoirs, Upper and Lower Carno, on the Llangynidr Moors, and these are supplemented by two electrical pumping stations on the Claisfer Stream in an adjoining valley. Both reservoirs are equipped with a set of roughing filters together with a number of open filter beds. After passing through these filters the water is chlorinated.

The water is conveyed to the town and to the Blaina Urban District by means of cast iron gravitated mains. The supply is, on the whole, adequate and satisfactory but shortages do occur during periods of very excessive drought. Restrictions on supply then have to be imposed.

Routine tests of the water are carried out by the waterworks personnel and the staff of the Surveyor's Department. These include daily chlorine tests and monthly pH and silica tests. Details of all samples taken by the Health Department and submitted for bacteriological examination by the Public Health Laboratory are given below. The results are found to be very satisfactory. A total of 108 samples were submitted by this Department during the year.

WATER SAMPLES

	RESERVOIRS		SPRINGS, &c.		TOTAL
	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	
Bacteriological examination of :					
(i) Raw water	6	15	1	5	27
(ii) Treated water	64	4	—	—	68
Chemical examination of :					
(i) Raw water	5	—	—	—	5
(ii) Treated water	8	—	—	—	8
	83	19	1	5	108

RESERVOIRS — CAPACITY

	Upper Carno	Lower Carno
Maximum capacity, gallons	68,000,000	176,000,000
Average storage capacity, held	59,000,000	160,000,000
Claisfer — Maximum output of pumping station:—	1,500,000 gallons per day	

SWIMMING BATHS

THE indoor swimming baths continued to be well used throughout the year by the general public and Education Authorities. The total attendance figure for the financial year, 1968, was 191,224.

The bath measures 110 feet x 42 feet with a varying depth of 3 feet to 12 feet 6 inches. There are 47 changing cubicles for men and 25 for women with a total capacity of 800 baskets.

The bath is fitted with two horizontal high pressure filters and a chlorination plant. Space and water heating is carried out by oil fired boilers.

During the year 22 samples of water were taken from the pool for bacteriological examination and all were found to be satisfactory.

DRAINAGE AND SEWERAGE

THE properties in the area that are still not connected to the sewer system are so far from the system that conversion is quite impracticable.

The area is served by the Western Valley trunk sewer draining to the river Ebbw. This system has proved satisfactory.

CONCLUSION

I WOULD like to express my satisfaction and appreciation for the manner in which the Staff of this Department have carried out their duties during the past twelve months.

A. STOKES,

Chief Public Health Inspector/Housing Manager.

